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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/632,009
		Filing Date	July 31, 2003
		First Named Inventor	Chongying Xu
		Group Art Unit	2812
		Examiner Name	TBA
Total Number of Pages in This Submission		Attorney Docket Number	ATMI-537-CIP

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copies of 3 references
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<input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	William F. Ryann, Reg. No. 44,313
Signature	
Date	December 22, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Chongying Xu, et al.

Group Art Unit: 2812

U.S. Application No.: 10/632,009

Examiner: TBA

Filed: July 31, 2003

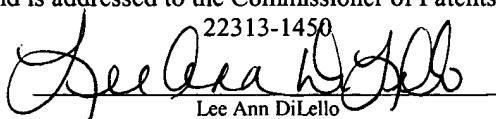
Title: SUPERCRITICAL FLUID-ASSISTED DEPOSITION OF MATERIALS ON
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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
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Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required in accordance with 37 CFR § 1.56 and § 1.97(b).

- 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
 - a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application, which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
 - b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
 - c. Attached is our check no. ____ in the amount of \$180 in payment of the fee under 37 C.F.R. §1.17(p). Please credit or debit Deposit Account No. 50-0860 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check no. ____ in the amount of \$130.00 in payment of the petition fee under 37 C.F.R. §1.17(i)(1). Please credit or debit Deposit Account No. ____ as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
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- 4. (other):

Applicant does not believe that any additional fee is due in connection with the foregoing. However, any deficiencies may be charged to the deposit account 50-0860.

Respectfully submitted,



William F. Ryann
Registration No. 44,313
Attorney for Applicant

Date: December 22, 2003
Advanced Technology Materials, Inc.
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Attorney Ref: ATMI-537-CIP

FORM PTO-1449		US Dept. of Commerce Patent and Trademark Office		ATTORNEY DOCKET NO. ATMI-537-CIP	SERIAL NO. 10/632,009	
INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)		APPLICANT Chongying Xu, et al.		DEC 24 2003 PATENT & TRADEMARK OFFICE		
		FILING DATE July 31, 2003		GROUP 2812		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,840,897	11/24/1998	Kirlin, et al.			
	AB	5,453,494	9/26/1995	Kirlin, et al.			
	AC	6,110,529	8/29/2000	Gardiner, et al.			
	AD	5,820,664	3/31/1995	Gardiner, et al.			
	AE	5,225,561	9/12/1990	Kirlin, et al.			
	AF	5,789,027	8/4/1998	Watkins, et al.			
	AG	6,576,345 B1	6/10/2003	Van Cleemput, et al.			
	AH	5,211,342A	5/18/1993	Hoy, et al.			
	AI	6,207,522B1	3/27/2001	Hunt, et al.			
	AJ	10/632,009		Chongying Xu, et al.			11/25/2002

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION YES	NO
							X (abstract only)	

OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)

	AK	Brian N. Hansen, et al., "Supercritical Fluid Transport-Chemical Deposition of Films" Chemical Materials, 1992, 4, 749-752.
	AL	Jason M. Blackburn, et al., "Deposition of Conformal Copper and Nickel Films from Supercritical Carbon Dioxide" Science, Vol 294, October 5, 2001, pgs. 141-145
	AM	C.Y. Xu, et al., "Supercritical Carbon Dioxide Assisted Aerosolization for Thin Film Deposition, Fine Powder Generation, and drug delivery" , Green Chemistry, Editors: Anastas, Paul T., et al. Oxford University Press, Oxford, UK, pgs. 312-335.

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EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.